

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001712

## A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. 7: A62D 3/00, A61L 9/014

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
WPIDS, MEDLINE, CA, JAPIO; KEYWORDS: HYDROXYL, PARTICLES, METAL, IRON, COPPER, FENTON, CONTAMINANT, SURFACE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US2003/0134409 A (MALLOUK et al) 17 July 2003 Abstract, Example 3, claims 22, 23	1-19
A	WO2001/078506 A (NANTEK INC) 25 October 2001 Whole document	1-19
A	US6504077 B (PUROHIT et al) 7 January 2003 Whole document	1-19
A	US6569353 B (GILETTO et al) 27 May 2003 Abstract, column 6, claims 1, 5 etc	1-19

Further documents are listed in the continuation of Box C

See patent family annex

* Special categories of cited documents:	
"A"	document defining the general state of the art which is not considered to be of particular relevance
"E"	earlier application or patent but published on or after the international filing date
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O"	document referring to an oral disclosure, use, exhibition or other means
"P"	document published prior to the international filing date but later than the priority date claimed
"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&"	document member of the same patent family

Date of the actual completion of the international search 27 January 2005	Date of mailing of the international search report 10 FEB 2005
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6664298 B (REINHART et al) 16 December 2003 Whole document	1-19
A	US5789649 A (BATCHELOR et al) 4 August 1998 Whole document	1-19
A	WO 2000/045896 A (NORTHROP GRUMMAN CORP) 10 August 2000 Whole document,	1-19

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/AU2004/001712**

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
US	20030134409	CA	2455477	EP	1432317	WO	03013252
WO	200178506	AU	24719/00	AU	74802/01	CA	2343923
		CA	2405856	EP	1113824	EP	1278411
		US	6057488	US	6417423	US	6653519
		WO	0020073				
US	6504077	AU	63377/00	WO	0078403		
US	6569353		NONE				
US	6664298		NONE				
US	5789649	US	6492572				
WO	0045896	AU	49701/00	EP	1169488	US	6235351

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX